

Application No. 08/900,964  
Amendment dated February 2, 2004  
Reply to Office Action dated October 31, 2003

## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-25 (canceled)

Claim 26 (currently amended): A system for generating a high-luminance window on a computer display device, comprising:

a host computer system for running an application program;

a processor device for automatically generating a window control signal in response to said application program;

a window generator device, for receiving said window control signal, and for generating a window information signal; and

a display control device included in said computer display device for receiving a video signal and said window information signal, for processing said video signal in response to said window information signal and for providing a processed video signal to a computer display screen to generate said high-luminance viewing window thereon.

Claim 27 (previously presented): The system of Claim 26 wherein said computer display device includes a cathode ray tube (CRT) device.

Claim 28 (previously presented): The system of Claim 27 wherein said computer display device includes a high-voltage power supply (HVPS) for providing a high-voltage signal to an anode of said CRT device.

Claim 29 (previously presented): The system of Claim 28 wherein said computer display device includes a limiter device coupled to said window generator device and to said HVPS, said limiter device for limiting beam current supplied to said CRT device by said HVPS.

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Claim 30 (previously presented): The system of Claim 29 wherein said limiter device is an automatic beam limiter (ABL) for sampling the current of said high-voltage signal to automatically determine when to limit said signal.

Claim 31 (previously presented): The system of Claim 30 wherein said display control device includes a video amplifier and said ABL provides an analog window signal to said video amplifier.

Claim 32 (previously presented): The system of Claim 31 wherein said ABL provides said analog window signal to control a gain control of said video amplifier.

Claim 33 (previously presented): The system of Claim 29 wherein said display control device is a video amplifier and said window control signal includes position and size information for said high-luminance viewing window.

Claim 34 (previously presented): The system of Claim 26 wherein information within said high-luminance viewing window is different from information outside said window.

Claim 35 (previously presented): The system of Claim 26 wherein said host computer provides a horizontal synchronization (H Sync) signal and vertical synchronization (V Sync) signal.

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Claim 36 (currently amended): A method for generating a high-luminance viewing window on a computer display device, comprising:

running an application program on a host computer;

generating a window control signal in response to said application program;

generating a window information signal in response to said window control signal;

~~providing using a display control device for receiving a video signal and said window information signal to a display control device [L] for processing said video signal in response to said window information signal[L]; and~~

~~for providing a processed video signal to a computer display screen to generate said high-luminance viewing window thereon; and~~

~~providing said processed window information signal to said computer display device for generating said high-luminance viewing window thereon.~~

Claim 37 (currently amended): The method of Claim 36 comprising:

~~providing a cathode ray tube (CRT) device and a video amplifier within said computer display device; and~~

~~generating a said video data signal, for receipt by said video amplifier, in response to said application program, said video data signal included within said window control signal.~~

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Claim 38 (currently amended): The method of Claim 37 comprising:

~~providing a high voltage power supply (HVPS) and an automatic beam limiter (ABL) device within said computer display device;~~

generating a high-voltage signal ~~using said HVPS~~ and providing said high-voltage signal to the an anode of said a cathode ray tube (CRT) device; and

sampling the current of said high-voltage signal using said an automatic beam limiter (ABL) device, wherein said ABL determines to determine when to limit beam current supplied to said CRT.

Claim 39 (currently amended): The method of Claim 38 comprising ~~using said ABL device for providing an analog window signal from said ABL device to said a video amplifier.~~

Claim 40 (previously presented): The method of Claim 39 wherein providing said analog window signal to said video amplifier determines the gain of said video amplifier.

Claim 41 (previously presented): The method of claim 36 wherein generating said high-luminance viewing window includes displaying information within said viewing window, derived from said video data signal, distinct from information displayed outside said viewing window.

Claim 42 (previously presented): The method of Claim 36 further comprising generating a horizontal synchronization signal (H Sync) and a vertical synchronization signal (V Sync).

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Claim 43 (currently amended): A computer-readable medium containing instructions for performing steps comprising:

~~running an application program on a host computer;~~

generating a window control signal in response to ~~said an~~ application program, said window control signal including a video data signal;

generating a window information signal in response to said window control signal;

~~using a display control device for receiving a video signal and said window information signal, for processing said video signal in response to said window information signal; and~~

providing a processed video signal to a computer display screen to generate said high-luminance viewing window thereon.

Claim 44 (previously presented): The computer-readable medium of Claim 43 wherein producing a high-luminance viewing window includes providing information, derived from said video data signal, for display within said window wherein said windowed information is distinct from information displayed outside said viewing area.

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Claim 45 (currently amended): A system for generating high-luminance viewing windows on a display device, comprising:

means for running an application program, said application program providing a video data signal;

means for generating a window control signal in response to said application program;

means for generating a window information signal in response to said window control signal;

means for receiving a video signal and said window information signal and processing said window information signal using a display control device for receiving a video signal in response to and said window information signal; and

means for applying a processed video signal to a computer display screen to generate said high-luminance windows.